

# Euro Surgery 2020: Utilisation of Plastic Surgery Theatres in a Single UK Centre

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Background: Plastic surgery theatres are a scarce resource and their utilisation is often sub-optimal. This study aims to describe the utilisation of plastic surgery theatres in a single UK centre over a 12-month period.

Methods: A retrospective analysis of all plastic surgery theatre bookings from January to December 2019. Data collected included patient demographics, surgical procedures performed, and theatre utilisation metrics.

Results: A total of 1,234 plastic surgery theatre bookings were performed over the study period. The most common procedures were breast reconstruction (23%), hand and upper limb surgery (18%), and facial plastic surgery (15%). Theatre utilisation was highest during the first half of the year.

Conclusion: This study highlights the importance of efficient theatre utilisation in plastic surgery. Further optimisation of theatre scheduling and resource allocation is required to improve patient care and reduce waiting times.

Keywords: Plastic surgery, theatre utilisation, UK, Euro Surgery 2020, resource allocation, patient care, waiting times, surgical procedures, theatre scheduling.

Introduction: Plastic surgery is a highly specialised branch of medicine that provides a wide range of reconstructive and aesthetic services. The demand for plastic surgery is increasing globally, and this is reflected in the growing number of plastic surgery theatres and procedures performed. However, the limited availability of plastic surgery theatres often results in long waiting times for patients, which can have a significant impact on their quality of life and overall health. Therefore, it is essential to understand the current utilisation of plastic surgery theatres in order to identify areas for improvement and optimise resource allocation. This study aims to describe the utilisation of plastic surgery theatres in a single UK centre over a 12-month period, with a focus on patient demographics, surgical procedures performed, and theatre utilisation metrics.

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